

FIG. 1

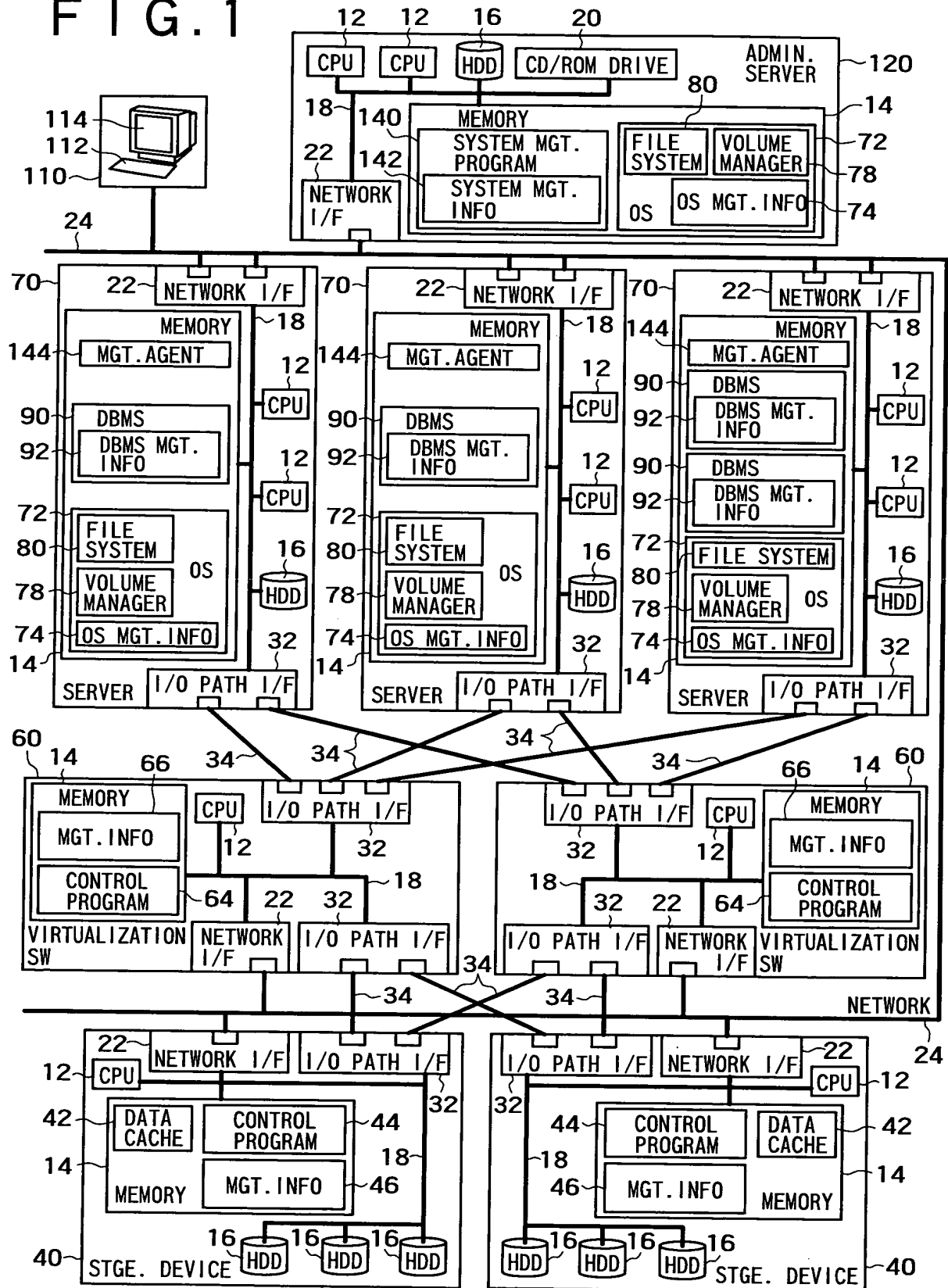
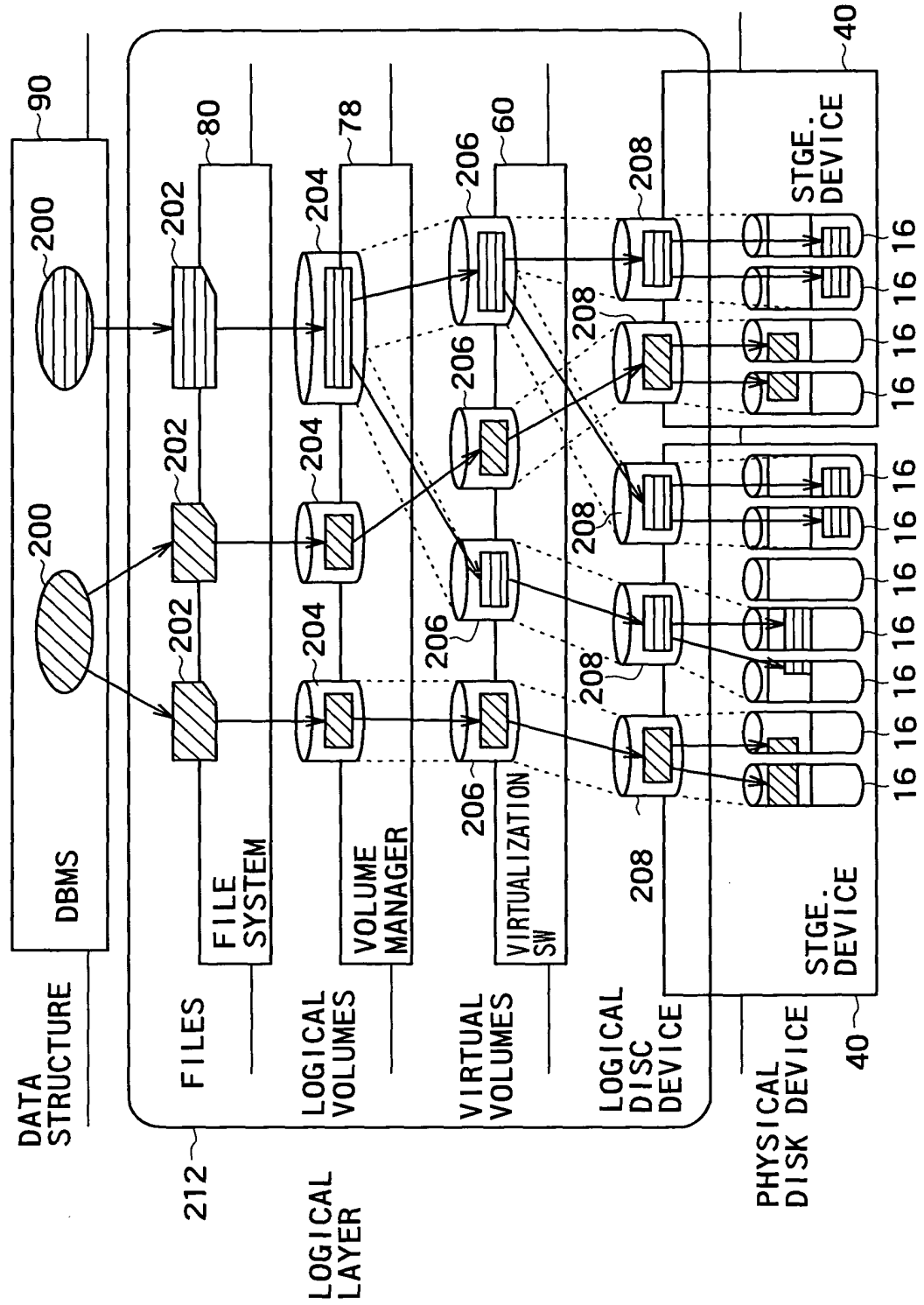


FIG. 2



# FIG. 3

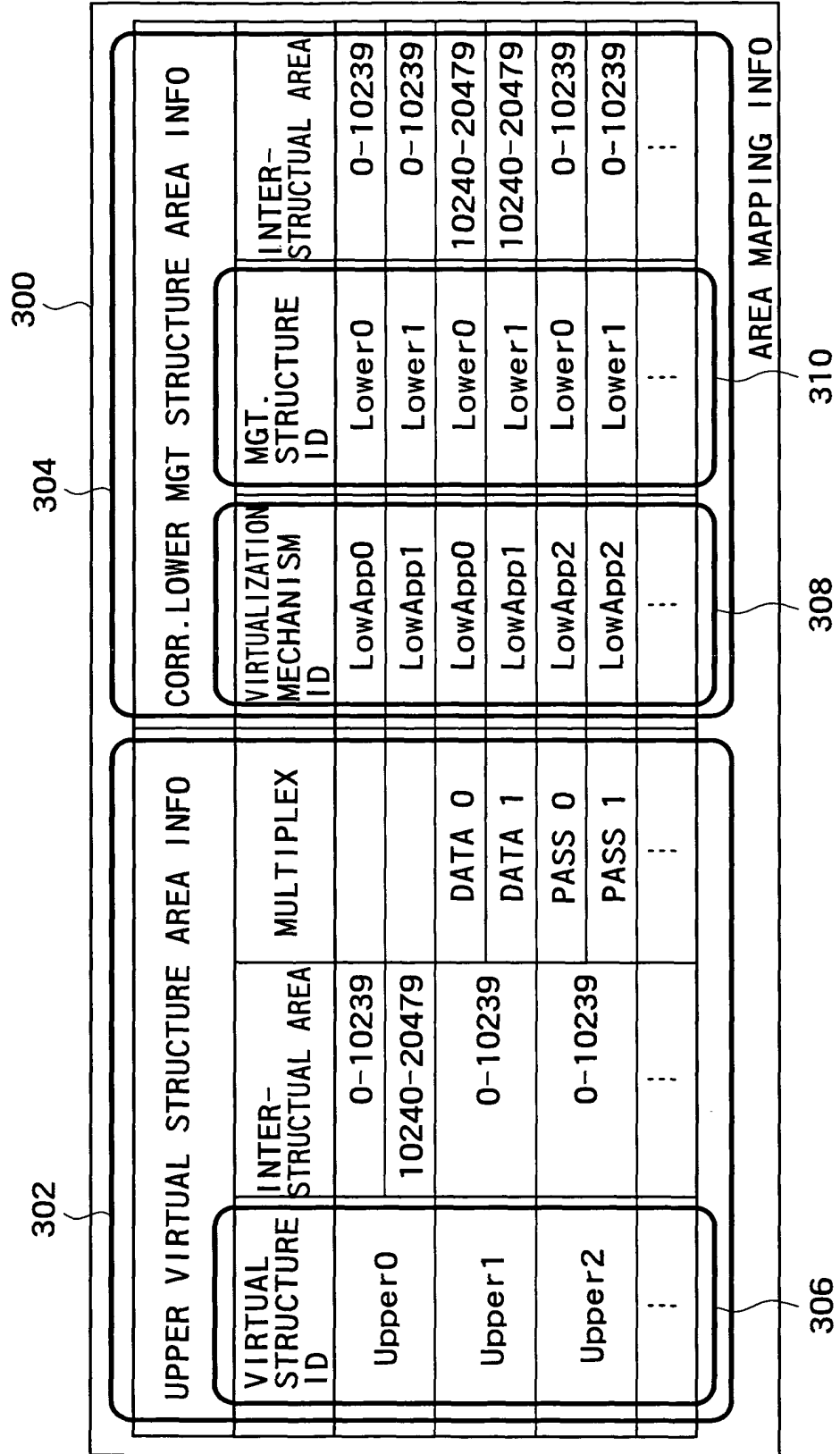


FIG. 4

CASH GROUP INFO				460
CASHE GROUP ID	CGrp0	CGrp1	...	462
CASHE QUANTITY	1024MB	2048MB	...	466
LU ID	LU0, LU2, LU3, ...	LU1	...	364

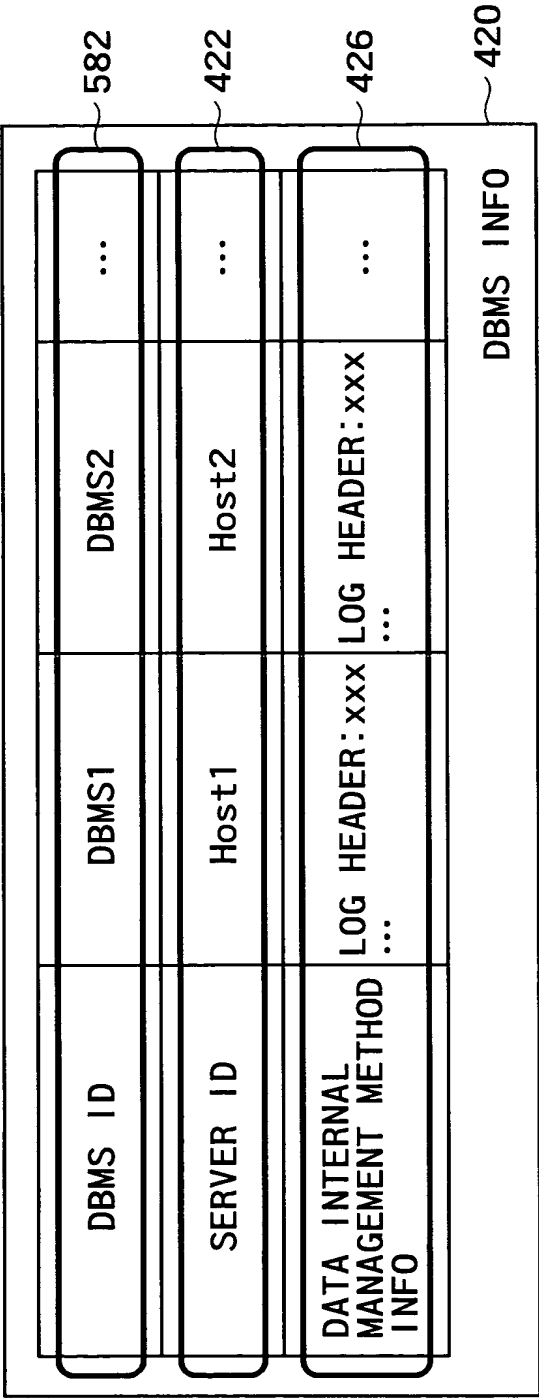
## FIG. 6

The diagram illustrates the structure of the 'ATTRIBUTE DATA SIZE INFO' table. It is organized into three main columns, each with a reference number above it: 346 for 'DATA STRUCTURE NAME', 352 for 'ATTRIBUTE NAME', and 354 for 'MAX SIZE'. The table contains three rows of data. The first row shows 'T1' as the data structure name, with attributes 'ID1' and 'ID2' having a maximum size of '12 Bytes' and '10 Bytes' respectively. The second row shows 'T2' as the data structure name, with attributes 'ID2' and an unnamed attribute having a maximum size of '10 Bytes' and an unspecified size (indicated by a vertical ellipsis). The third row shows a vertical ellipsis for the data structure name, with attributes 'ID2' and an unnamed attribute having a maximum size of '10 Bytes' and an unspecified size (indicated by a vertical ellipsis). The entire table is labeled 'ATTRIBUTE DATA SIZE INFO' at the bottom.

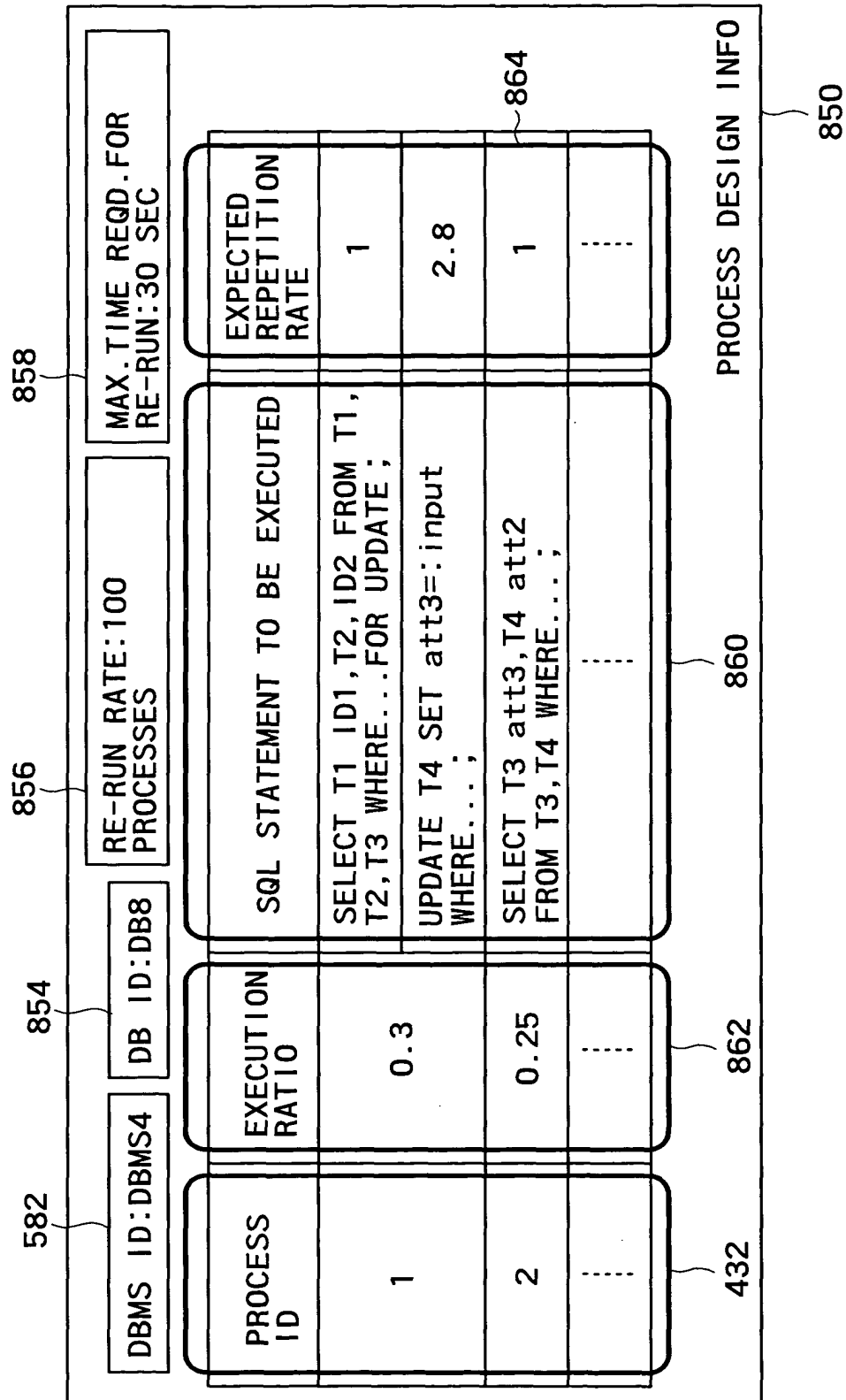
346 DATA STRUCTURE NAME	352 ATTRIBUTE NAME	354 MAX SIZE
T1	ID1	12 Bytes
	ID2	10 Bytes
T2	⋮	⋮
	ID2	10 Bytes
⋮	⋮	⋮
	⋮	⋮

ATTRIBUTE DATA SIZE INFO

FIG. 7



# FIG. 8



## FIG. 9

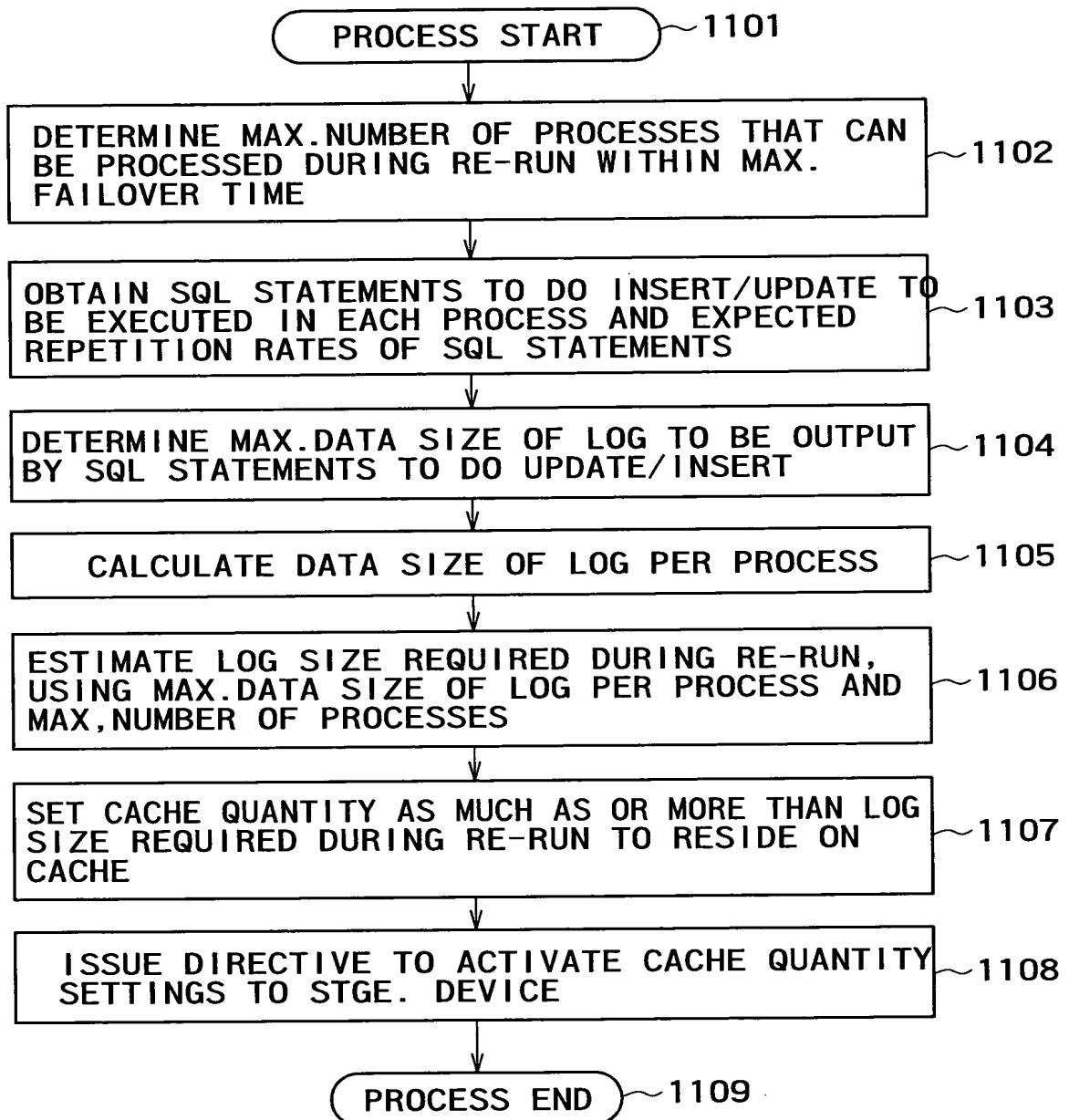




FIG. 10

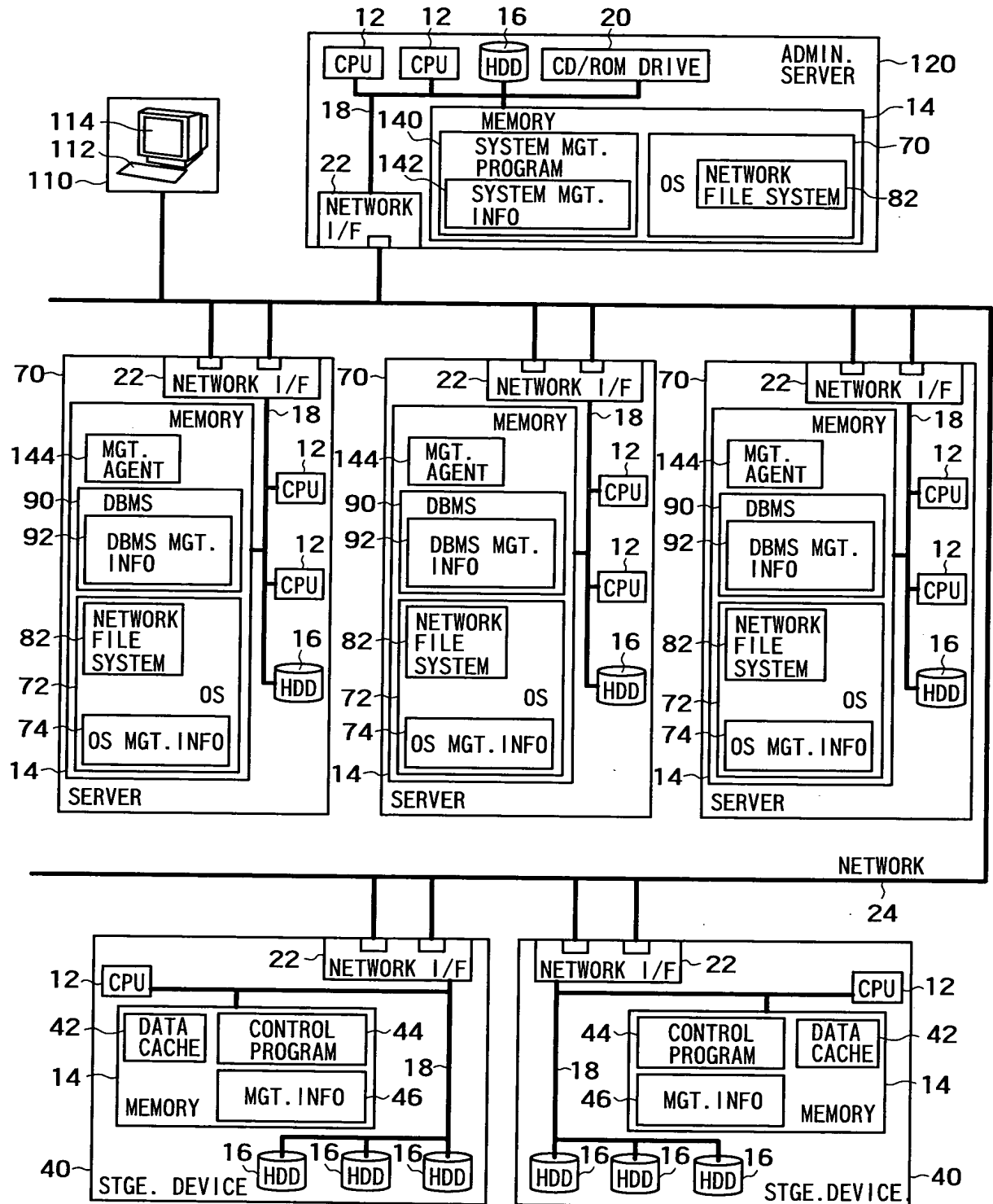


FIG. 11

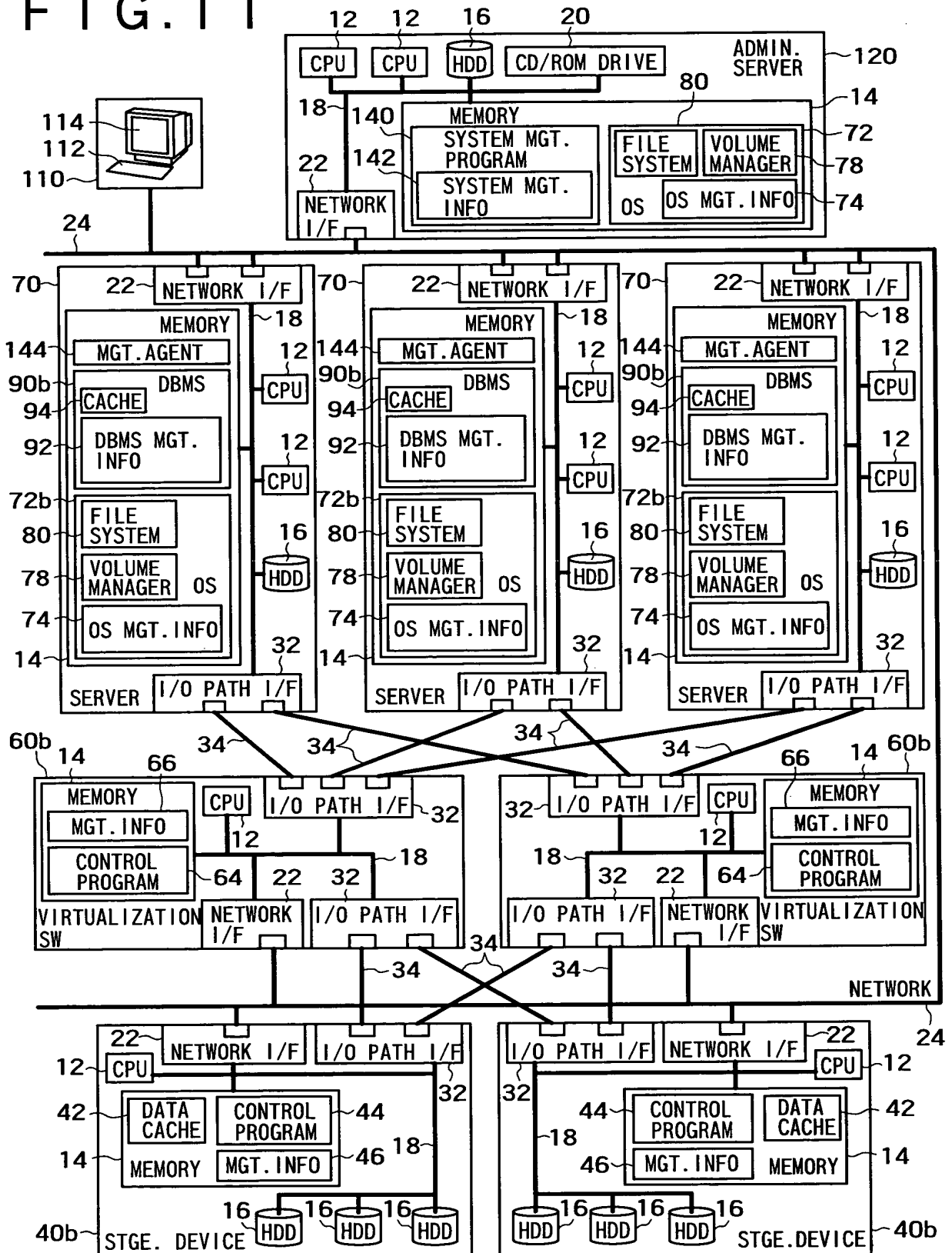


FIG. 12

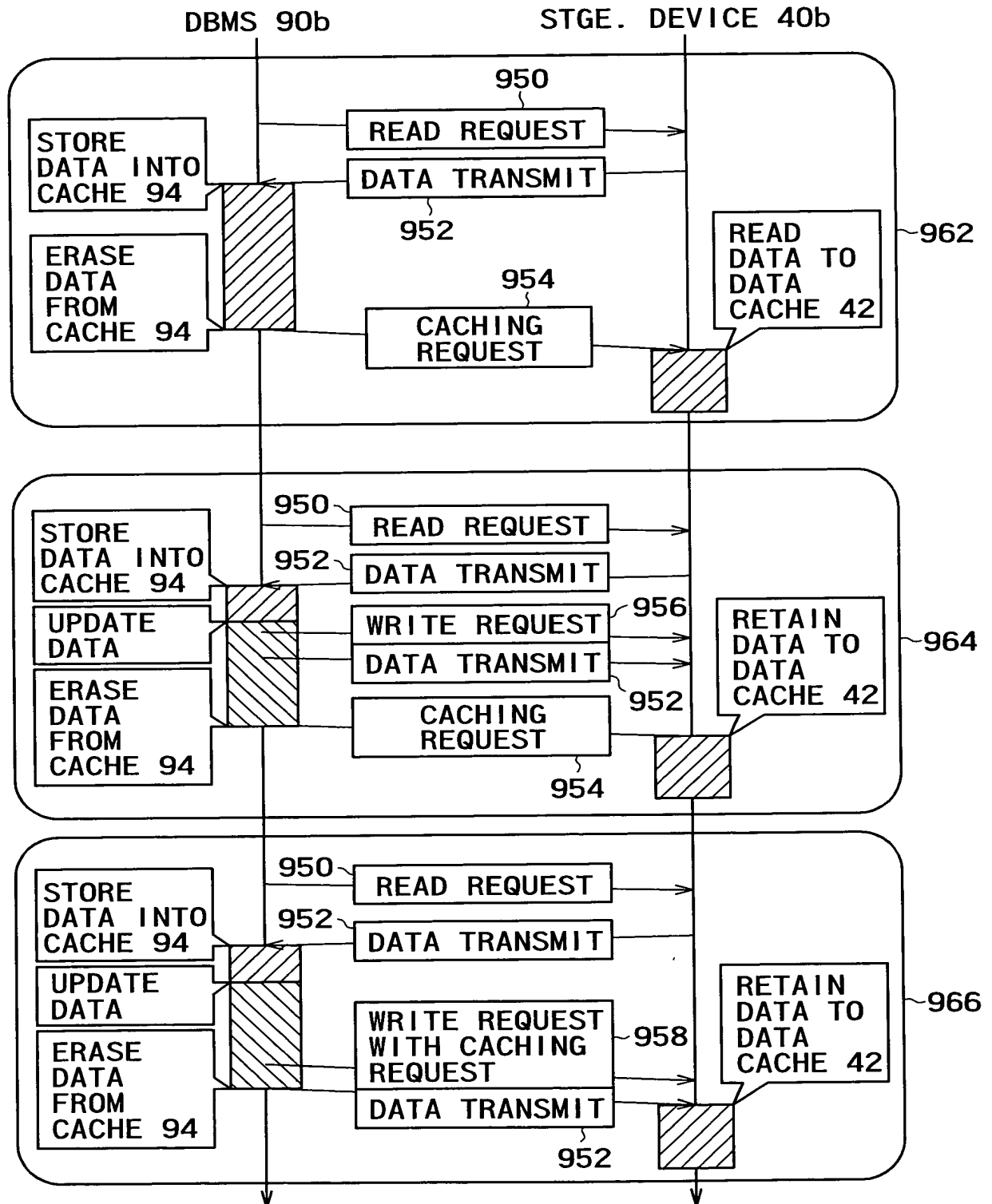


FIG. 13

CACHE GROUP ID	CGrp0	CGrp1	...	462
CACHE SPACE	1024MB	2048MB	...	466
LU ID	LU0, LU2, LU3, ...	LU1	...	364
HINT FUNCTION	OFF	ON	...	468
CACHE GROUP INFO				460b

FIG. 14

DATA STRUCTURE NAME	T1	T2	...	346
DATA PAGE SIZE	16KB	8KB	...	702
DATA PAGES	61897	78783	...	704
CACHE QUANTITY	1024 PAGES	2048 PAGES	...	466
TABLE DATA SIZE INFO				700

FIG. 15

DATA STRUCTURE NAME	Ind1-1	Ind2-1	...
CORR. TABLE NAME	T1	T2	...
DATA PAGE SIZE	8KB	8KB	...
DATA PAGES	3782	6782	...
LeafNODE PAGES	2898	4890	...
CACHE QUANTITY	1452 PAGES	2400 PAGES	...
ATTRIBUTE TO SPEACH	ID1 (ID1, ID2)	ID2	...
EXPECTED TUPLES	5.5	1	...
B-Tree INDEX INFO			

710

FIG. 16

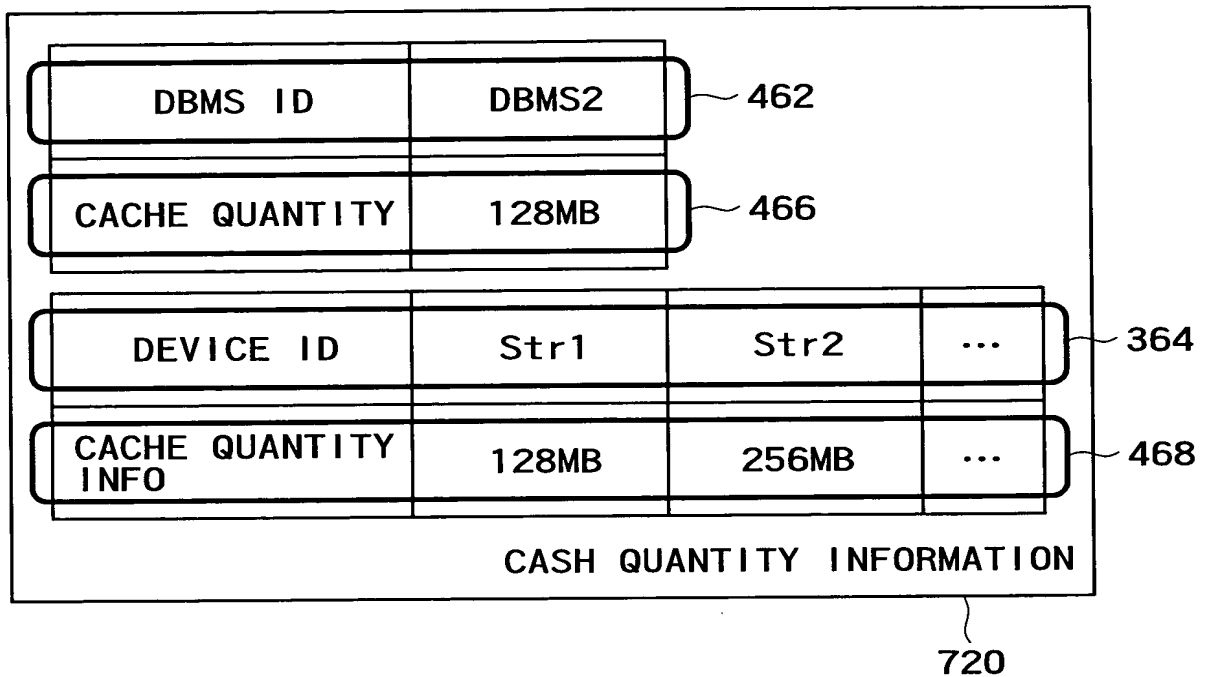


FIG. 17

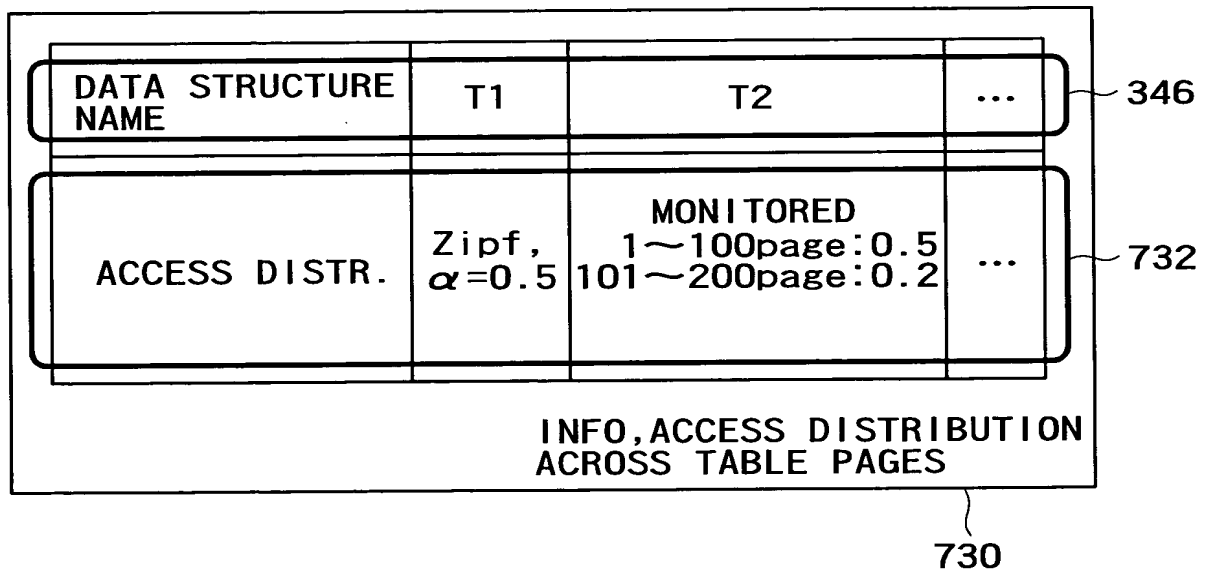
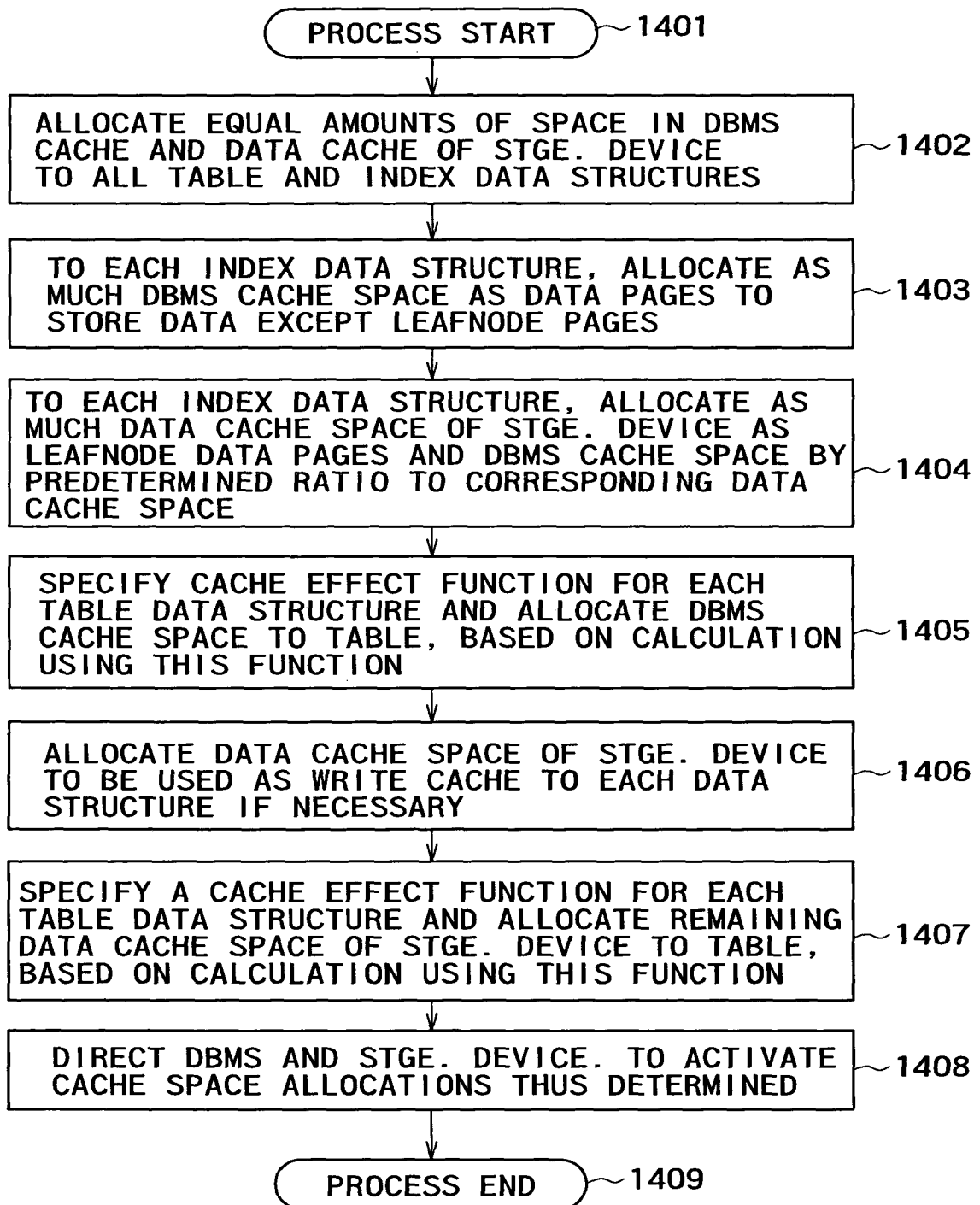


FIG. 18

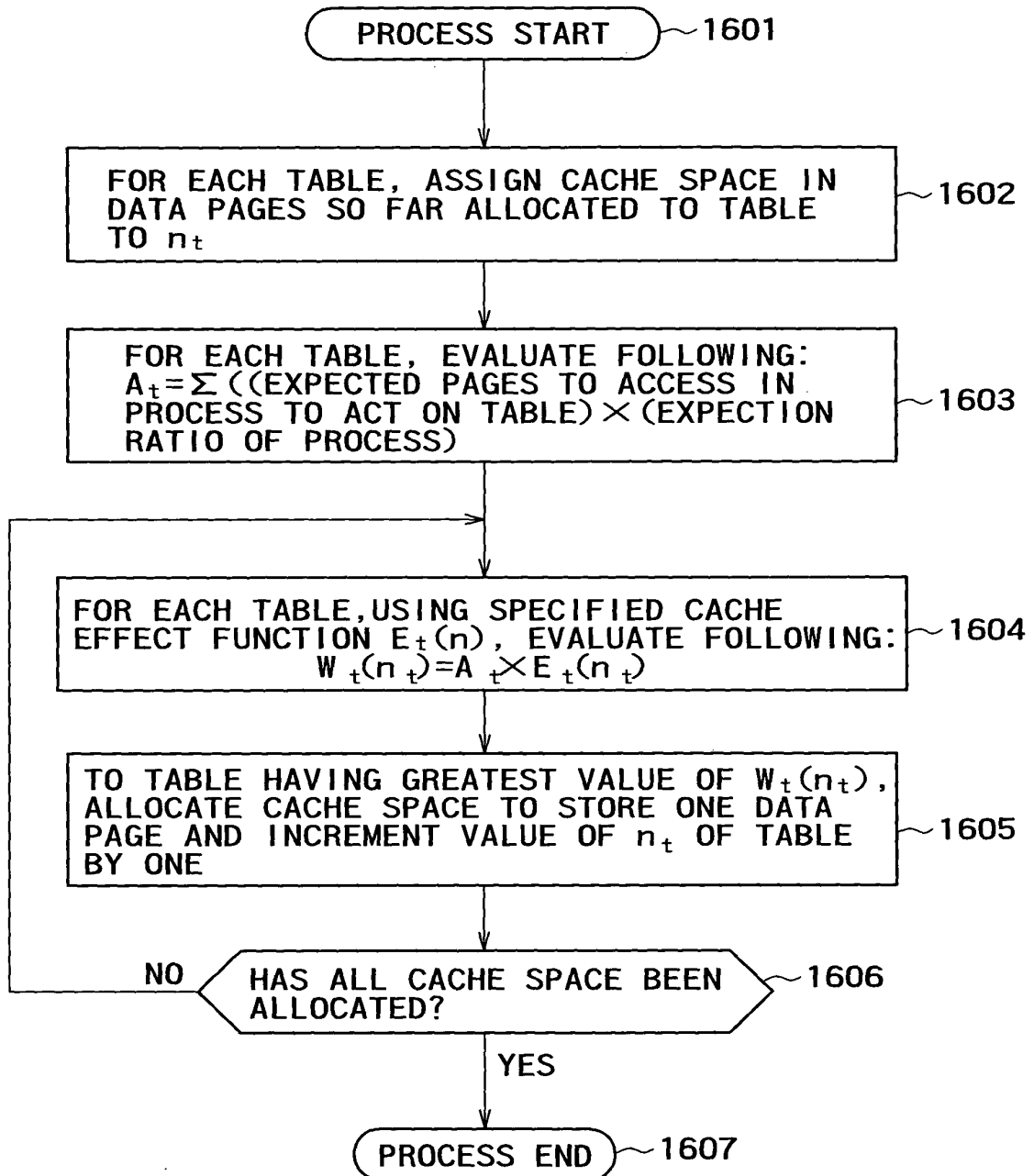
432		346	784	
PROCESS ID	DATA STRUCTURE NAME	EXPECTED DATA PAGES TO ACCESS		
		TOTAL	UPDATE	
1	T1	9	6	
	Ind1-1	9	0	
	T2	1	1	
	⋮	⋮	⋮	
2	T3	4	0	
	⋮	⋮	⋮	
⋮	⋮	⋮	⋮	
INFO, EXPECTED DATA PAGES TO ACCESS				
780				

## FIG. 19





## FIG. 20



## FIG. 21

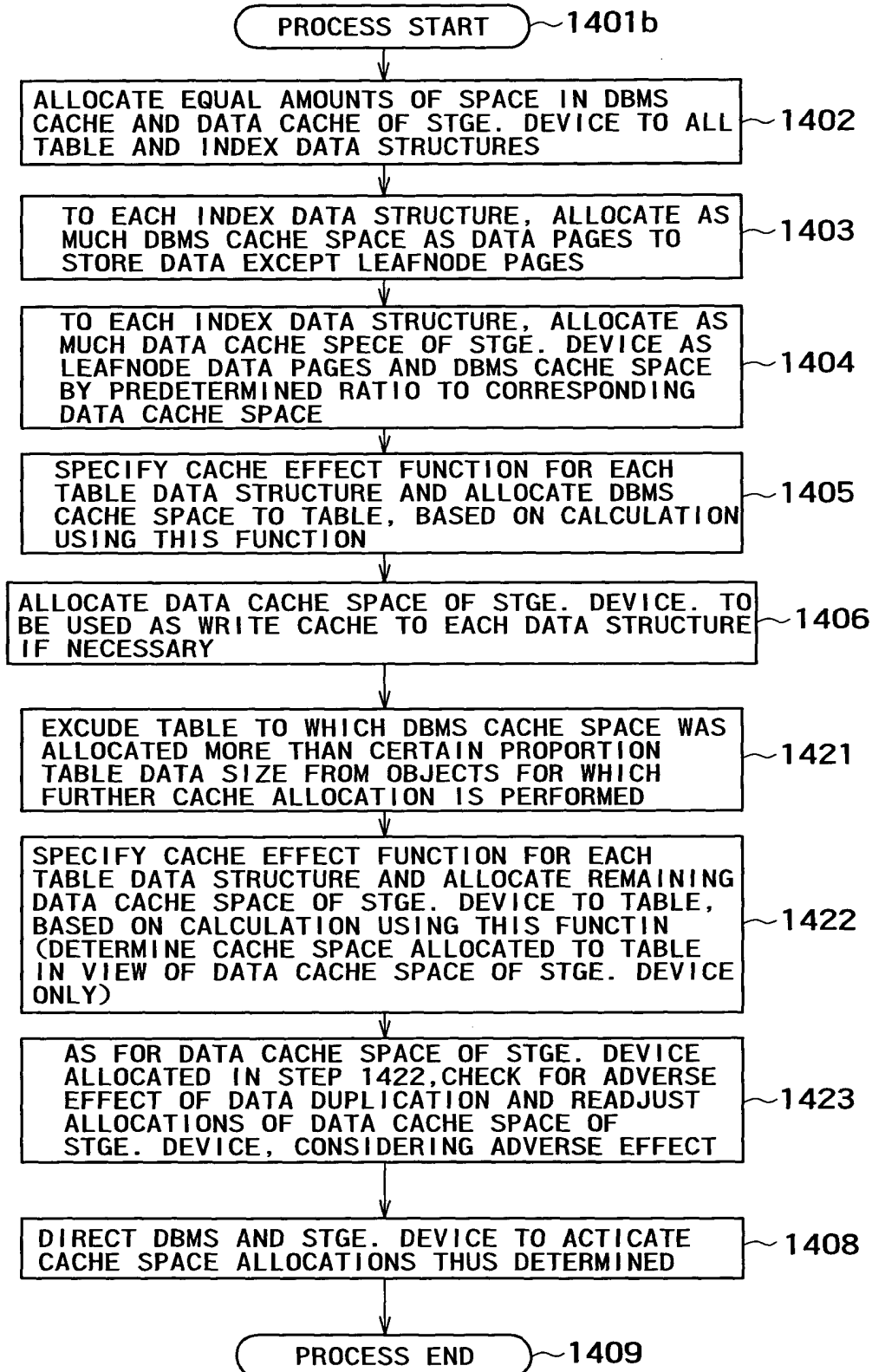


FIG. 22

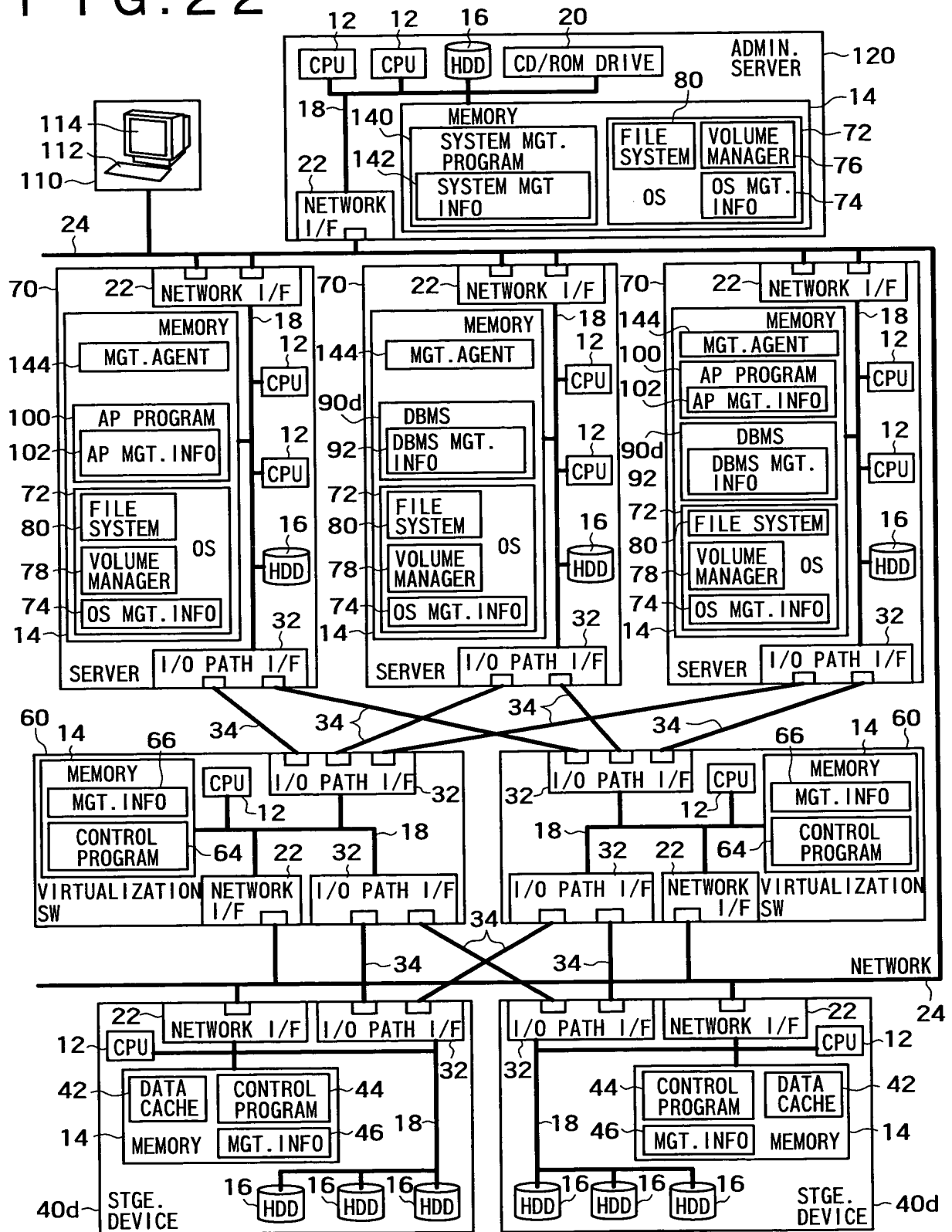


FIG. 23

REAL MGT. SUBCACHE PARTITIONS:R		VIRTUAL MGT. SUBCACHE PARTITIONS:V		504
LU ID		LU 0	LU 1	...
I/O TYPE		Read	Write	...
CUMULATIVE COUNT OF EXECUTION		489789	78978	789
CUMULATIVE COUNT OF CACHE HITS	TOTAL OF REAL HITS	138978	78978	48958
	1ST PARTITION	0	-	342
	2ND PARTITION	2870	-	6869
	...	...	...	...
	(V+R)TH PARTITION	7987	-	4789
CACHE MONITORED STATISTICS INFO				

502

364

366

368

370

362

FIG. 24

DBMS RESOURCE NAME	Log Writer	Dic	Tbl1	...
CUMULATIVE COUNT OF WAIT	7809	36	0	...

DBMS MONITORED STATISTICS INFO

410

412

414

FIG. 25

PROCESS ID	1	2	...
CUMULATIVE COUNT OF EXECUTION	48978	7897	...
CUMULATIVE PROCESS EXECUTION TIME	102956	24637	...

ONLINE JOBS MONITORED STATISTICS INFO

430

432

368

396

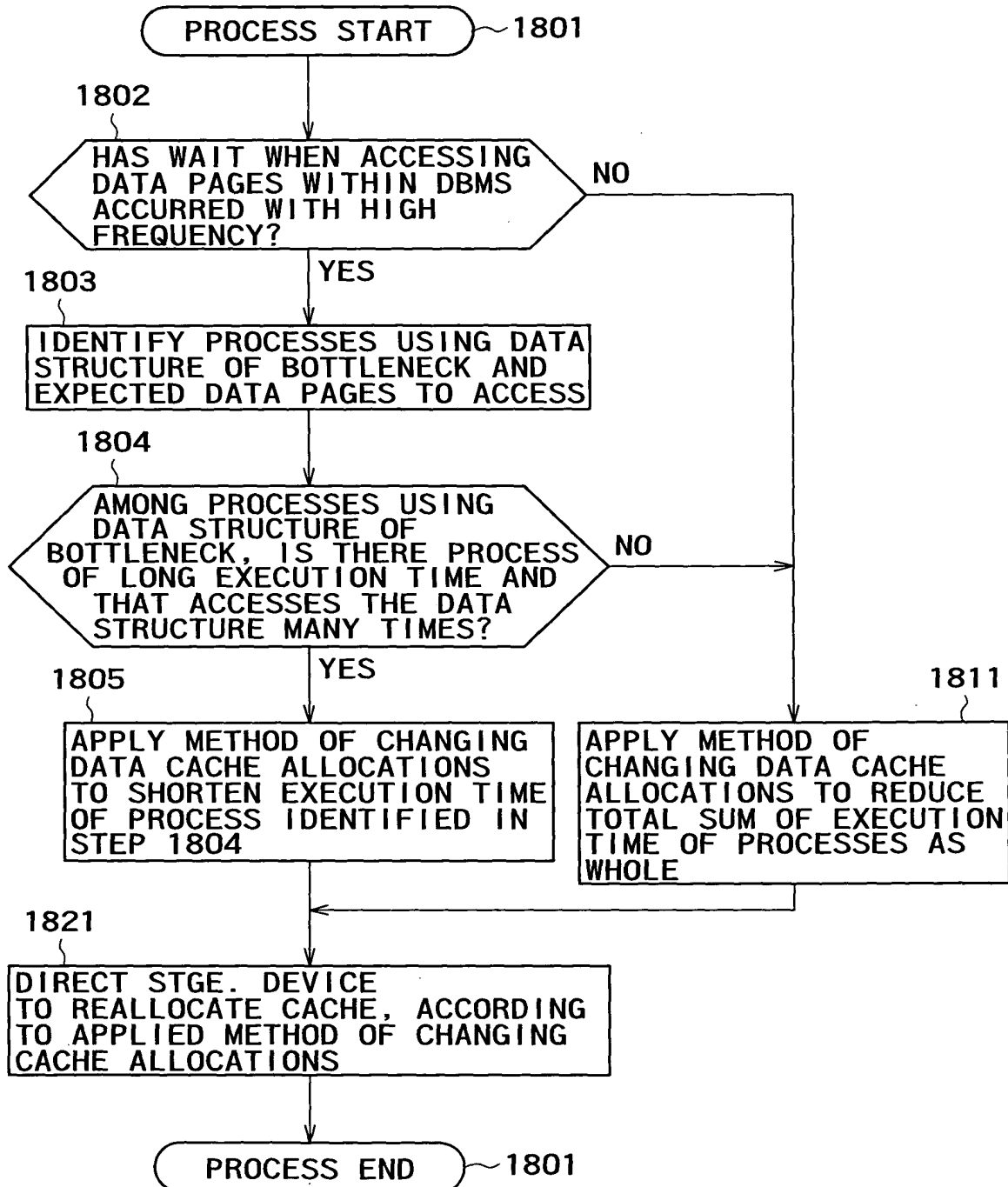
FIG. 26

EUIP.ID		Storage 0	Storage 1	...
HDD ID		HDD0, HDD1, ...	HDD20, HDD21, ...	...
ACCESS PERFORMANCE INFO		READ HIT	0.8	...
		READ MISS	5.5	...
		WRITE HIT	1.2	...
		WRITE MISS	12	...
		HDD PERFORMANCE INFO		

FIG. 27

MONITORED POINT ID		Host0-Port0	Host0-Port0	...	514
WHAT IS MONITORED		CUMULATIVE COUNT OF EXECUTION	CUMULATIVE DATA AMOUNT TRANSFERRED	...	516
LAST DATA COLLECTION INFO	TIME	'02/12/14 13:00:00	'02/12/14 13:00:00		518
	COLLECTED DATA NUMBER	7907209	50298237893		
HISTORY DATA ITEM		AVG. IOPS	AVG. DATA AMOUNT TRANSFERRED (MBPS)	...	522
HISTORY INFO	RECORD 0	PERIOD	'02/12/1 00:00:00~ 00:05:00	'02/12/1 00:00:00~ 00:05:00	...
		AVG.	152	7.6	...
		MAX.	203	10.2	...
	RECORD 1	PERIOD	'02/12/1 00:05:00~ 00:10:00	'02/12/1 00:05:00~ 00:10:00	...
		AVG.	189	9.5	...
		MAX.	258	12.9	...
		⋮	⋮	⋮	⋮
		⋮	⋮	⋮	⋮
		⋮	⋮	⋮	⋮
		⋮	⋮	⋮	⋮
MONITORING HISTORY INFO					510

FIG. 28





## FIG. 29

